OKWIPTO-1	1449 (modified) ent of Commerce	9			ي المراق		Atty. Dkt. No.	M#	1 144	ــــــــــــــــــــــــــــــــــــــ	42	Client	Ref.			
N FORM F							ļ				コ	t 0	1				
Patent a	nd Tra	demark Office				•	ļ					ł	ļ				
							ļ		0000				+				_
		OIPE	_				}		2680								_
FORMA	TION	I DISCLOSUF	E STA	TEME	NT			Applicant	: KOI	KE et a	И.						
APPLI	CAN	T /	<u>.0</u> /														-
		g JAN 0 2 20	02					Appin. No									_
		JAN 0 2 20	Ş					Filing Dat									_
laneu	an. 2		, Rage	1 0	of	1		Examine	r: <u>E.</u> J	ohnsor	<u> </u>	Grou	o Art U	nit: 1	<u> 175</u>	<u>4</u>	_
ate: Janua	ary Z,	2002	<u> </u>														_
		OCUMENTS		Date		Name						Class	Sub		1	iling	
kaminer'		Document		MM/Y		(Family Na	ame	of First In	ventoi	.)	l		Clas	S		ate	
		Number								<u></u>					(if	appropria	11
itials*				10/198	24	BROWNL	ow	et al.									_
41,		4,474,731		03/199		ICHII et al											
<u>t</u>	_	5,607,885		12/199		OZAWA e											_
-		5,075,276				BEALL et											
	+	4,526,873		07/198		TANAKA	_			-							
00//	ER_	4,958,216		09/199	90	TANAKA	el ai.				_				T		
	FR			 		 							\top		1		
	GR			_		ļ <u>.</u>									7		
	HR			_		 							+-		_		_
	IR_			<u> </u>		<u> </u>						 	_		- 1		_
	JR			ļ		 									十		
	KR					 						 			_		_
	LR									 -		<u> </u>	_		十		_
	MR										<u> </u>	 			\dashv		_
	NR			<u> </u>		<u> </u>						<u> </u>	<u> </u>		-+	 Translat	=
EODEIGN	ΙPΔT	ENT DOCUME	NTS										English Abstrac			Readily	
FORLIGI	1	Document	Date		Cou	ntry	Inve	entor Nam	ne						۱,	Availabl	е
		Number		YYYY			1		ļ				 		-		
	ļ				1		<u> </u>						Enclos	_	^	Enclose	4
		99/28269	06/1	999	P.C.I		-DU	LL-et-al-	-		-		CARSI		- #		4
<u> </u>	OR		04/1		PCI		GH	EORGHIU	et al.			n.f	Carr	de.	-88		4
111	PR	99/18047	01/1		JAP		то	SHIYUKI					X				╛
7 W	QR	62-4441 •	- 0 1/ 1	901	 " -	/ ((1										
							\top										
	RR												1	- 1			_
	SR															l .	
	SR TR						+-										
	SR TR UR						-						-				
	SR TR UR VR											•	E.	I			_
	SR TR UR																_
	SR TR UR VR	2							2004	2000	ato Jest		<u> </u>				_
OTHER	SR TR UR VR	2	er Autho	or, Title	, Peri	odical Nam	ne, D	ate, Perti	nent P	ages, e	etc.)			ا <u>ا</u> ا			_
OTHER	SR TR UR VR	ding in this orde	er Autho	or, Title	Perio	odical Nam	ne, D	ate, Perti	nent P	ages, e		**	11 DE 31))]			_
OTHER	SR TR UR VR VR XR	ding in this orde	er Autho	or, Title	, Peri	odical Nam	ne, D	ate, Perti	nent P	ages, e		*) ((
OTHER	SR TR UR VR VR WF XR (Inclu	ding in this orde	er Autho	or, Title	, Peri	odical Nam	ne, D	ate, Perti	nent P	ages, o		**					
OTHER	SR TR UR VR WF XR (Inclu YR AA	ding in this orde	er Autho	or, Title	, Peri	odical Nam	ne, D	rate, Pertii	nent P	ages, o		**					
OTHER	SR TR UR VR VR XR (Inclu YR ZR AA	ding in this orde	er Autho	or, Title	, Peri	odical Nam	ne, D	ate, Perti	nent P	ages, o		**					
OTHER	SR TR UR VR WF XR (Inclu YR ZR AA BE	ding in this orde	er Autho	or, Title	, Peri	odical Nam	ne, D	pate, Perti				0 4 2002					

Sheet 1 of

copy of this form with next communication to application.

1

#(D

INFOR	MATION DISCLOSURE	ATTY, DOCKET NO.		SERIAL NO.		
	CITATION	461-62		09/546,227_		
	4	APPLICANT		0)13+0,221		
	SIPA					
(1)	se several sheets (necessary)	KOIKE et al		GROUP	<u> </u>	
Mas	is several shocker,	FILING DATE				
PAT	1 5 2002	April 10, 2000		1754		
13	<i>S</i>	U.S. PATEN	T DOCUMENTS	···		FILING DATE
*EXAMINED	DEMASCUMENT NUMBER 3885977	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
79	3885977	5/75	Lachman et al			
10	4194917	3/80	Sakemi et al		_	
201	4495300	1/85	Sano		<u> </u>	
99	4587067	5/86	Agrawal et al			
	4722916	2/88	Watanabe et al	Ta	W/	
gel 40	4849275	7/89	Hamaguchi et al			<u> </u>
201	4869944	9/89	Harada et al		10	
44	5275771	1/94	Bush et al	, C	-300	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
7/	5370920	12/94	Forsythe et al		*	
20	5529732	6/96	ldeguchi et al		100	
40	5567663	10/96	Kotani et al			
4.2	5688740	11/97	Bolshakov et al			
20	5773103	6/98	Ciora, Jr. et al			
ø					<u> </u>	
		FOREIGN PA	TENT DOCUMENTS			TRANSLATION
			oo witov	01.400		
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES NO
6/	DOCUMENT 19849340 A1	4/99	Germany	CLASS	SUBCLASS	YES NO
Cel ell				CLASS	SUBCLASS	YES NO
left af	19849340 A1	4/99	Germany	CLASS	SUBCLASS	YES NO
all all	19849340 A1 51-37908	4/99 3/76	Germany Japan	CLASS	SUBCLASS	YES NO
el el	19849340 A1 51-37908 58-79869	4/99 3/76 4/83	Germany Japan Japan	CLASS	SUBCLASS	YES NO
el e	19849340 A1 51-37908 58-79869 WO 00/40521	4/99 3/76 4/83 7/2000	Germany Japan Japan WIPO	CLASS	SUBCLASS	YES NO
all all	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1	4/99 3/76 4/83 7/2000 12/2000	Germany Japan Japan WIPO WIPO	CLASS	SUBCLASS	YES NO
at a	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2	4/99 3/76 4/83 7/2000 12/2000 8/2000	Germany Japan Japan WIPO WIPO European	CLASS	SUBCLASS	YES NO
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001	Germany Japan Japan WIPO WIPO European European	CLASS	SUBCLASS	YES NO
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages,	etc.)	
	19849340 A1 51-37908 58-79869 WO 00/40521 WO 00/76939 A1 1029836 A2 1029836 A3 19908173 A1 0671369 A2 OTHER DOC	4/99 3/76 4/83 7/2000 12/2000 8/2000 2/2001 9/99 9/95 UMENTS (including	Germany Japan Japan WIPO WIPO European European Germany European Author, Title, Date, Po	ertinent pages, er 1995 & JP 07	etc.)	